

FACILITY NAME AND PERMIT NUMBER:

Form Approved 1/14/99
OMB Number 2040-0086

FORM
2S
NPDES

NPDES FORM 2S APPLICATION OVERVIEW

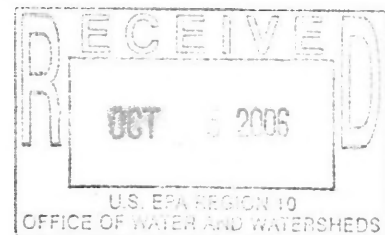
PRELIMINARY INFORMATION

This page is designed to indicate whether the applicant is to complete Part 1 or Part 2. Review each category, and then complete Part 1 or Part 2, as indicated. For purposes of this form, the term "you" refers to the applicant. "This facility" and "your facility" refer to the facility for which application information is submitted.

FACILITIES INCLUDED IN ANY OF THE FOLLOWING CATEGORIES MUST COMPLETE PART 2 (PERMIT APPLICATION INFORMATION).

1. Facilities with a currently effective NPDES permit.
2. Facilities which have been directed by the permitting authority to submit a full permit application at this time.

ALL OTHER FACILITIES MUST COMPLETE PART 1 (LIMITED BACKGROUND INFORMATION).



FACILITY NAME AND PERMIT NUMBER:

City of Rexburg ID10023817

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PART 1: LIMITED BACKGROUND INFORMATION

This part should be completed only by "sludge-only" facilities - that is, facilities that do not currently have, and are not applying for, an NPDES permit for a direct discharge to a surface body of water.

For purposes of this form, the term "you" refers to the applicant. "This facility" and "your facility" refer to the facility for which application information is submitted.

1. Facility Information.

a. Facility name

City of Rexburg

b. Mailing Address

PO Box 280
Rexburg ID 83440

c. Contact person

John Millar

Title

Public Facility Coordinator

Telephone number

208 359-3020

d. Facility Address (not P.O. B ox)

525 N 5th W
Rexburg ID 83440

e. Indicate the type of facility

☒

Publicly owned treatment works (POTW)

☐

Privately owned treatment works

☐

Federally owned treatment works

☐

Blending or treatment operation

☒

Surface disposal site

☐

Sewage sludge incinerator

☐

Other (describe)

40 acre land owned by City

2. Applicant Information.

a. Applicant name

Donna Archibald

b. Mailing Address

PO Box 280
Rexburg ID 83440

c. Contact person

John Millar

Title

Public Facility Coordinator

Telephone number

208 359-3035

d. Is the applicant the owner or operator (or both) of this facility?

☒

owner

☒

operator

e. Should correspondence regarding this permit be directed to the facility or the applicant?

☐

facility

☒

applicant

3. Sewage Sludge Amount. Provide the total dry metric tons per latest 365 day period of sewage sludge handled under the following practices:

- a. Amount generated at the facility 800-900 dry metric tons
- b. Amount received from off site _____ dry metric tons
- c. Amount treated or blended on site _____ dry metric tons
- d. Amount sold or given away in a bag or other container for application to the land _____ dry metric tons
- e. Amount of bulk sewage sludge shipped off site for treatment or blending _____ dry metric tons
- f. Amount applied to the land in bulk form 800-900 dry metric tons
- g. Amount placed on a surface disposal site _____ dry metric tons
- h. Amount fired in a sewage sludge incinerator _____ dry metric tons
- i. Amount sent to a municipal solid waste landfill _____ dry metric tons
- j. Amount used or disposed by another practice _____ dry metric tons

Describe

city owned 40 acre site**4. Pollutant Concentrations.** Using the table below or a separate attachment, provide existing sewage sludge monitoring data for the pollutants for which limits in sewage sludge have been established in 40 CFR part 503 for this facility's expected use or disposal practices. If available, base data on three or more samples taken at least one month apart and no more than four and one-half years old.

POLLUTANT	CONCENTRATION (mg/kg dry weight)	ANALYTICAL METHOD	DETECTION LEVEL FOR ANALYSIS
ARSENIC <u>503</u>	<u>2.9 mg/kg</u>	<u>SW 846 6010</u>	<u>mdl 1.0</u>
CADMIUM <u>503</u>	<u>1.21 mg/kg</u>	<u>SW 846 6010</u>	<u>mdl 0.05</u>
CHROMIUM <u>503</u>	<u>12.3 mg/kg</u>	<u>SW 846 6010</u>	<u>mdl 0.5</u>
COPPER <u>503</u>	<u>13.7 mg/kg</u>	<u>SW 846 6010</u>	<u>mdl 0.1</u>
LEAD <u>503</u>	<u>6.0 mg/kg</u>	<u>SW 846 6010</u>	<u>mdl 0.5</u>
MERCURY <u>503</u>	<u>0.3 mg/kg</u>	<u>SW 846 7471</u>	<u>mdl 0.1</u>
MOLYBDENUM <u>503</u>	<u>2.7 mg/kg</u>	<u>SW 846 6010</u>	<u>mdl 0.5</u>
NICKEL <u>503</u>	<u>13.2 mg/kg</u>	<u>SW 846 6010</u>	<u>mdl 0.2</u>
SELENIUM <u>503</u>	<u>2.9 mg/kg</u>	<u>SW 846 6010</u>	<u>mdl 1.0</u>
ZINC <u>503</u>	<u>265 mg/kg</u>	<u>SW 846 6010</u>	<u>mdl 0.05</u>

5. Treatment Provided At Your Facility.

- a. Which class of pathogen reduction does the sewage sludge meet at your facility?

____ Class A X Class B ____ Neither or unknown

- b. Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce pathogens in sewage sludge:

Centrifuge System, planned for development
out to Bid Sept 2006 Gravity Belt thickeners
and drying beds (U.V)

FACILITY NAME AND PERMIT NUMBER:

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c. Which vector attraction reduction option is met for the sewage sludge at your facility?

- ☐ Option 1 (Minimum 38 percent reduction in volatile solids)
☐ Option 2 (Anaerobic process, with bench-scale demonstration)
☐ Option 3 (Aerobic process, with bench-scale demonstration)
☐ Option 4 (Specific oxygen uptake rate for aerobically digested sludge)
☐ Option 5 (Aerobic processes plus raised temperature)
☐ Option 6 (Raise pH to 12 and retain at 11.5)
☐ Option 7 (75 percent solids with no unstabilized solids)
☐ Option 8 (90 percent solids with unstabilized solids)
☐ Option 9 (Injection below land surface)
☐ Option 10 (Incorporation into soil within 6 hours)
☐ Option 11 (Covering active sewage sludge unit daily)
☐ None or unknown

d. Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce vector attraction properties of sewage sludge:

uv. * see attached background testing
of viable Helminth ova, and enteric virus

6. **Sewage Sludge Sent to Other Facilities.** Does the sewage sludge from your facility meet the Table 1 ceiling concentrations, the Table 3 pollutant concentrations, Class A pathogen requirements, and one of the vector attraction options 1-8?
☐ Yes ☒ No

If yes, go to question 8 (Certification).

If no, is sewage sludge from your facility provided to another facility for treatment, distribution, use, or disposal?

☐ Yes ☐ No

If no, go to question 7 (Use and Disposal Sites).

If yes, provide the following information for the facility receiving the sewage sludge:

a. Facility name _____

b. Mailing address _____

c. Contact person _____

Title _____

Telephone number _____

d. Which activities does the receiving facility provide? (Check all that apply)

- ☐ Treatment or blending ☐ Sale or give-away in bag or other container
☐ Land application ☐ Surface disposal
☐ Incineration ☐ Other (describe):

FACILITY NAME AND PERMIT NUMBER:

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7. Use and Disposal Sites. Provide the following information for each site on which sewage sludge from this facility is used or disposed:

a. Site name or number

City of Peckburg Bio-Solids Disposal Site

b. Contact person

John Miller

Title

Public Facility Coordinator

Telephone

208-359-3020

c. Site location (Complete 1 or 2)

1. Street or Route #

East twin Butte Rd

County

Madison

City or Town

Peckburg

State

Iowa

Zip

53440

2. Latitude

38°14'50" N

Longitude

d. Site type (Check all that apply)

☐ Agricultural

☐ Lawn or home garden

☐ Forest

☒ Surface disposal

☐ Public Contact

☐ Incineration

☐ Reclamation

☐ Municipal Solid Waste Landfill

☐ Other (describe):

8. Certification. Sign the certification statement below. (Refer to instructions to determine who is an officer for purposes of this certification.)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with the system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name and official title

Signature

Telephone number

Date signed

SEND COMPLETED FORMS TO:

NOT
SIGNED!
But... SEE pg 9.



CITY OF
REXBURG
America's Family Community

September 1, 2006

EPA
C/O: Dick Heatherington
1200 6th avenue
Seattle, Wa 98101

Re: Current Status of the City of Rexburg Bio-solids handling

Dear Dick,

The City of Rexburg Wastewater treatment Plant is sending this letter along with some data to let you know that the City has recently purchased our own property for the bio-solids disposal. The City purchased a 40 acre parcel, approximately 18 miles west of Rexburg. This property is located in the area of the Madison county landfill. I am enclosing an aerial photo, and a legal property description for your records.

In May of 2006 the city hauled approximately 430 tons of Bio-solids to the Madison county landfill, prior to the acceptance of this I re-wrote the operation plan for Madison county and got the county commissioners blessings along with the district health department. The City also rented equipment to incorporate the bio-solids into the soil, at the landfill. I am enclosing the letter of acceptance for the operations plan, and the testing results of the May Bio-solids.

In August of 2006 the City of Rexburg hauled 778 tons of Bio-solids to the 40 acre plot that we have acquired. We are enclosing copies of those results as well, I hope that we have enclosed all the information and data that is needed for our reporting if there are any questions please do not hesitate to contact me, Donna Archibald (208)-359-3035 I will do my best to assist with any questions. Please advise me as to whether the City needs to apply for a different type of sludge permit, for hauling to our own land, thank you for your time in these matters.

Sincerely,

John Millar
Public Facility Coordinator
City of Rexburg


Donna Archibald
Wastewater Foreman
City of Rexburg

CC: DEQ
William Tuescher
900 N skyline suite B
Idaho Falls, Idaho



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

900 North Skyline Dr., Suite B • Idaho Falls, Idaho 83402-1718 • (208) 528-2650

Dirk Kempthorne, Governor
Toni Hardesty, Director

May 16, 2006

Danna Archibald
Wastewater Department
City of Rexburg
P.O. Box 280
Rexburg, ID 83440

Re: Request for Landfill Disposal of Wastewater Treatment Biosolids

Dear Mrs. Archibald

The Department of Environmental Quality (DEQ) has reviewed your request to dispose of treated biosolids from the wastewater treatment plant to the county landfill. The heavy metal test results submitted are well below the pollutant concentration limits. Per your letter the biosolids being hauled have been dewatered through the centrifuge system and or been air dried on the drying beds.

Please be advised that your Sludge Management Plan should be modified to reflect this change and your annual report to EPA should reflect the quantity of hauled biosolids to the landfill. If you have any questions please feel free to call.

Sincerely,

William Teuscher PE
Water Quality Engineer
Idaho Falls Regional Office

C: James Johnston, Regional Administrator DEQ IFRO
Kellye Eager, Environmental health Director D7H IF
John Millar, City of Rexburg

IFRO

34382

Operation Plan for Madison County Landfill

Addendum

The following changes should be made to the operations plan for the Madison County Landfill, in Madison County, Idaho.

The following additions should be made to: (Section O; part 4;) to read:

O. Special Wastes

Below are listed special wastes and procedures for handling such waste

iv. Sewage Sludge

Sludge is defined by Title 39 chapter 74 of the Idaho code to mean “any solid, semisolid, or liquid waste generated from a municipal, commercial, or industrial wastewater treatment facility, or air pollution control facility exclusive of the treated effluent from a wastewater treatment plant” Idaho Code defines septage to mean “a semisolid material generated from a septic tank, or lagoon system”

Wastewater Bio-solids treated through centrifuge for dewatering or dried through drying bed process by UV may be allowed as long as the following is approved, and reviewed by DEQ, and District 7 Health department, to meet the 503 sludge requirements for heavy metals, pathogens, and paint filter requirements. Upon the written approval process, and proper filing requirements Madison County Landfill will work to accept the process, upon the availability of the Madison County Landfill. This does not mean that the Madison County landfill has to accept any or all waste of this nature.

Upon arrangements for accepting such bio-solids the County landfill will work the Bio-solids into a composting material with either the available dirt, or sand. This will either be stock piled or mixed and used as an overlay for burying landfill material.

City of Rexburg Bio-solids data 2006

May 22, 2006

Approx: Tons

20.. 10 wheeler loads..... 88 tons
30 ..Bobtail loads..... 88 tons

May 23, 2006

22..10 wheeler loads..... 90 tons
32..bobtail loads..... 93 tons

May 24, 2006

20..10 wheeler loads..... 88 tons
12.. bobtail loads..... 35 tons

August 24, 2006

20..10 wheeler loads..... 150 tons
22.. bobtail loads..... 110 tons

August 25, 2006

20..10 wheeler loads..... 150 tons
23..bobtail loads..... 115 tons

August 28 & 29 2006

23..Spreader truck loads..... 92 tons

May Totals482 dry tons

August Totals....617 dry tons

1099
Approximate tons of Bio-solids in 2006

DRAFTED BY:

Karl R. Decker
Holden, Kidwell, Hahn & Crapo, P.L.L.C..
1000 Riverwalk Drive, Suite 200
P.O. Box 50130
Idaho Falls, ID 83405
208-523-0620

Instrument # 330285

REXBURG, MADISON, IDAHO
2006-08-11 04:04:00 No. of Pages: 2
Recorded for: FIRST AMERICAN
MARILYN R. RASMUSSEN
Ex-Officio Recorder Deputy Fee: 6.00

WARRANTY DEED

WARRANTY DEED made this 2nd day of August, 2006, between **Ira A. Hardy and Virginia Hardy**, husband and wife, whose mailing address is 3644 E. 800 N., Menan, Idaho 83434, herein referred to as Grantor (whether one or more, male and/or female), and **The City of Rexburg**, whose mailing address is P.O. Box 280, Rexburg, Idaho 83440, herein referred to as Grantee (whether one or more male and/or female), witnesseth:

That Grantor, for and in consideration of the sum of TEN Dollars (\$10.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, has granted, bargained, and sold, and does, by these presents, grant, bargain, sell, convey, and confirm unto Grantee and to his heirs and assigns forever, all the following described real estate located in the County of Madison, State of Idaho:

SE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 26, Township 6 North, Range 38 East Boise Meridian, Madison County, Idaho,

TOGETHER with all appurtenant roadway easements and rights of way for ingress and egress of record.

TOGETHER with all water, water rights, ditches and ditch rights thereunto belonging or in anywise appertaining, usually had and enjoyed.

SUBJECT TO:

1. Taxes and assessments for the year 2006 and all subsequent years.
2. Any facts, rights, interests or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Unpatented mining claims, reservations or exceptions in patents or in acts authorizing the issuance thereof.
4. All reservations, restrictions, easements, road and road rights of way, ditch and ditch rights of way, zoning restrictions, governmental regulations and protective covenants of record.
5. Discrepancies, conflicts in boundary lines, shortage in area, encroachments or any other facts which a correct survey would disclose.
6. Any claim or loss arising from the old county landfill located on the property.

7. Levies and assessments of the Fremont Madison Irrigation District.

8. The effect of Quitclaim Deed from Union Pacific Railroad Company to Union Pacific Land Resources recorded June 20, 1980, as Instrument No. 184500, Official Records of Madison County, Idaho, and the effect of mineral right reservations described in a Quitclaim Deed between Union Pacific Railroad Company, to Ira A. Hardy and Virginia Hardy, dated March 11, 1980 and recorded June 20, 1980, Instrument No. 184502, Official Records of Madison County, Idaho.

9. All matters, and any rights, easements, interests or claims which may exist by reason of or disclosed by survey recorded August 9, 1984, Instrument No. 205240, Official Records of Madison County, Idaho.

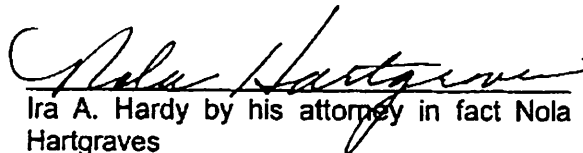
10. Right-of-way or easement of Twin Butte Road.

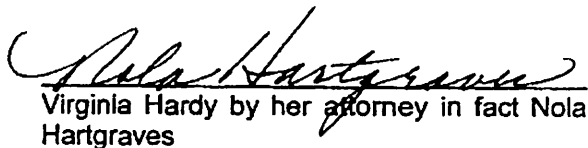
TOGETHER with all and singular the tenements, hereditaments, and appurtenances thereunto belonging or in anywise appertaining, specifically including the reversion and reversions, remainder and remainders, rents, issues, and profits thereof; and all estate, right, title and interest in and to the property, as well in law as in equity.

TO HAVE AND TO HOLD, all and singular the above-described premises together with the appurtenances unto grantee and to his heirs and assigns forever.

And Grantor and his heirs shall and will warrant and by these presents forever defend the premises in the quiet and peaceable possession of Grantee, his heirs, and assigns against Grantor and his heirs and against all and every person and persons whomsoever lawfully claiming the same.

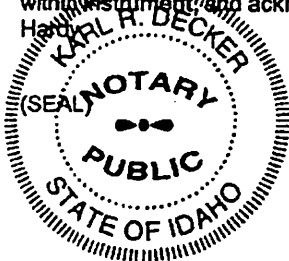
IN WITNESS WHEREOF, Grantor has hereunto set his hand on the day and year first above written.

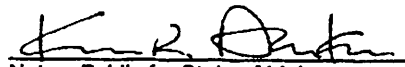

Ira A. Hardy by his attorney in fact Nola Hartgraves


Virginia Hardy by her attorney in fact Nola Hartgraves

STATE OF IDAHO)
) SS.
County of Bonneville)

On the 2nd day of August, 2006, before me, Karl R. Decker, the undersigned Notary Public in and for the State of Idaho, personally appeared Nola Hartgraves, known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that she executed the same as attorney in fact for Ira A. Hardy and Virginia Hardy.




Notary Public for State of Idaho
Residing at: Idaho Falls
My Commission Expires: May 10, 2009

WARRANTY DEED - 2

Analytical Laboratories, Inc.

1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

<http://www.analyticallaboratories.com>

Laboratory Analysis Report

Sample Number: 0607487

Attn: DONNA ARCHIBALD
CITY OF REXBURG
12 N CENTER
P O BOX 280
REXBURG, ID 83440

Collected By: JADE LEWIS
Submitted By: FED EX

Source of Sample:
SHARPLES SLUDGE

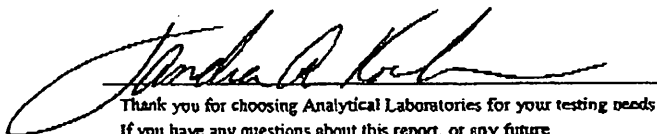
Time of Collection: 11:55
Date of Collection: 3/13/2006
Date Received: 3/14/2006
Report Date: 3/21/2006

Dry Weight Results:	mg/kg
Arsenic	< 6.0
Cadmium	1.3
Chromium	15
Copper	150
Lead	12
Mercury	0.04
Molybdenum	< 3.0
Nickel	17
Selenium	< 6.0
Silver	4.1
Zinc	202
Cyanide	3

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Arsenic 503		<1.0	mg/kg	1.0	SW 846 6010	3/17/2006	KC
Cadmium 503		0.21	mg/kg	0.05	SW 846 6010	3/17/2006	KC
Chromium 503		2.6	mg/kg	0.5	SW 846 6010	3/17/2006	KC
Copper 503		25.2	mg/kg	0.1	SW 846 6010	3/17/2006	KC
Lead 503		2.0	mg/kg	0.5	SW 846 6010	3/17/2006	KC
Mercury 503		0.06	mg/kg	0.02	SW 846 7471	3/16/2006	JS
Metals Digestion		*			SW 846 3050	3/15/2006	JS
Molybdenum 503		<0.5	mg/kg	0.5	SW 846 6010	3/17/2006	KC
Nickel 503		2.9	mg/kg	0.2	SW 846 6010	3/17/2006	KC
Selenium 503		<1.0	mg/kg	1.0	SW 846 6010	3/17/2006	KC
Silver 503		0.69	mg/kg	0.05	SW 846 7760	3/20/2006	JH
Zinc 503		34.0	mg/kg	0.05	SW 846 6010	3/17/2006	KC
Dry Weight Calculation		*				3/21/2006	SK
Cyanide 503, Total		0.51	mg/kg	0.05	SM 4500	3/14/2006	WW
Total Solids		16.8	%	0.200	SM 2540 G	3/17/2006	DLR

MCL - Maximum Contamination Level MDL
= Method/Minimum Detection Limit UR =
Unregulated

Date Report Printed: 4/11/2006


Thank you for choosing Analytical Laboratories for your testing needs.
If you have any questions about this report, or any future
analytical needs, please contact: Sandy Koch

Analytical Laboratories, Inc.

1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

<http://www.analyticallaboratories.com>

Laboratory Analysis Report

Sample Number: 0607485

Attn: DONNA ARCHIBALD
CITY OF REXBURG
12 N CENTER
P O BOX 280
REXBURG, ID 83440

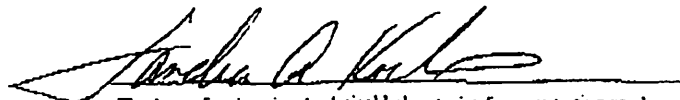
Collected By: JADE LEWIS
Submitted By: FED EX

Source of Sample:
SLAB-SOUTH SLUDGE

Time of Collection: 11.50
Date of Collection: 3/13/2006
Date Received: 3/14/2006
Report Date: 3/21/2006

Dry Weight Results:	mg/kg
Arsenic	< 6.1
Cadmium	1.2
Chromium	15
Copper	162
Lead	10
Mercury	0.12
Molybdenum	3.6
Nickel	15
Selenium	< 6.1
Silver	4.8
Zinc	207
Cyanide	3

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Arsenic 503		<1.0	mg/kg	1.0	SW 846 6010	3/17/2006	KC
Cadmium 503		0.20	mg/kg	0.05	SW 846 6010	3/17/2006	KC
Chromium 503		2.4	mg/kg	0.5	SW 846 6010	3/17/2006	KC
Copper 503		26.7	mg/kg	0.1	SW 846 6010	3/17/2006	KC
Lead 503		1.6	mg/kg	0.5	SW 846 6010	3/17/2006	KC
Mercury 503		0.02	mg/kg	0.02	SW 846 7471	3/16/2006	JS
Metals Digestion		*			SW 846 3050	3/15/2006	JS
Molybdenum 503		0.6	mg/kg	0.5	SW 846 6010	3/17/2006	KC
Nickel 503		2.4	mg/kg	0.2	SW 846 6010	3/17/2006	KC
Selenium 503		<1.0	mg/kg	1.0	SW 846 6010	3/17/2006	KC
Silver 503		0.79	mg/kg	0.05	SW 846 7760	3/20/2006	JH
Zinc 503		34.2	mg/kg	0.05	SW 846 6010	3/17/2006	KC
Dry Weight Calculation		*				3/21/2006	SK
Cyanide 503, Total		0.42	mg/kg	0.05	SM 4500	3/14/2006	WW
Total Solids		16.5	%	0.200	SM 2540 G	3/17/2006	DLR



Thank you for choosing Analytical Laboratories for your testing needs.
If you have any questions about this report, or any future
analytical needs, please contact: Sandy Koch

MCL - Maximum Contamination Level MDL
= Method/Minimum Detection Limit UR =
Unregulated

Analytical Laboratories, Inc.

1804 N 33rd Street

Boise, Idaho 83703

Phone (208) 342-5515

<http://www.analyticallaboratories.com>

Laboratory Analysis Report

Sample Number: 0607486

Attn: DONNA ARCHIBALD
CITY OF REXBURG
12 N CENTER
P O BOX 280
REXBURG, ID 83440

Collected By: JADE LEWIS
Submitted By: FED EX

Source of Sample:
SLAB-NORTH SLUDGE

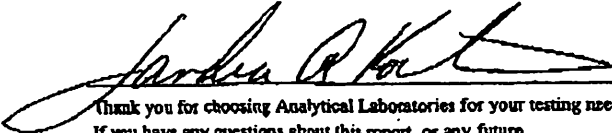
Time of Collection: 11:50
Date of Collection: 3/13/2006
Date Received: 3/14/2006
Report Date: 3/21/2006

Dry Weight Results:	mg/kg
Arsenic	< 5.9
Cadmium	1.7
Chromium	17
Copper	161
Lead	12
Mercury	0.24
Molybdenum	3.0
Nickel	19
Selenium	5.9
Silver	3.4
Zinc	219
Cyanide	3

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Arsenic 503		<1.0	mg/kg	1.0	SW 846 6010	3/17/2006	KC
Cadmium 503		0.29	mg/kg	0.05	SW 846 6010	3/17/2006	KC
Chromium 503		2.9	mg/kg	0.5	SW 846 6010	3/17/2006	KC
Copper 503		27.2	mg/kg	0.1	SW 846 6010	3/17/2006	KC
Lead 503		2.0	mg/kg	0.5	SW 846 6010	3/17/2006	KC
Mercury 503		0.04	mg/kg	0.02	SW 846 7471	3/16/2006	JS
Metals Digestion		*			SW 846 3050	3/15/2006	JS
Molybdenum 503		0.5	mg/kg	0.5	SW 846 6010	3/17/2006	KC
Nickel 503		3.2	mg/kg	0.2	SW 846 6010	3/17/2006	KC
Selenium 503		<1.0	mg/kg	1.0	SW 846 6010	3/17/2006	KC
Silver 503		0.57	mg/kg	0.05	SW 846 7760	3/20/2006	JH
Zinc 503		37.0	mg/kg	0.05	SW 846 6010	3/17/2006	KC
Dry Weight Calculation		*				3/21/2006	SK
Cyanide 503, Total		0.43	mg/kg	0.05	SM 4500	3/14/2006	WW
Total Solids		16.9	%	0.200	SM 2540 G	3/17/2006	DLR

MCL - Maximum Contamination Level MDL
Method/Minimum Detection Limit UR =
Unregulated

Date Report Printed: 4/10/2006 4:47:47


Thank you for choosing Analytical Laboratories for your testing needs.
If you have any questions about this report, or any future
analytical needs, please contact: Sandy Koch

CLIENT CODE= **REXBURG 03/14/06****CHAIN OF CUSTODY RECORD**

CLIENT INFORMATION:		PROJECT INFORMATION:	
Project Manager: Donna Archibald		Project Name: (503)	
Company: City of Rexburg		PWS Number: XXXX	
Address: 525 North 5th		Purchase Order Number: #8050	
Phone: (208) 359-3035		Fax: 359-3055	
E-mail Address:		Required Due Date:	
Sampled by: (Please print) Jade Lewis		Transported by: (Please print)	

ANALYTICAL LABS, INC.

1804 N. 33rd Street • Boise, ID 83703
 (208) 342-5515 • Fax: (208) 342-5591 • 1-800-574-5773
 Website: www.analyticallaboratories.com
 E-mail: ali@analyticallaboratories.com

TESTS REQUESTED

Lab ID	Date Sampled	Time Sampled	Sample Description (Source)	Sample Matrix	Arsenic	Cadmium	Chromium	Copper	Lead	Nickel	Silver	Zinc	Mercury	Molybdenum	Selenium	Granite
7485	3-13-06	11:50am	Slab South (Metals)		X	X	X	X	X	X	X	X	X	X	X	
7486	3-13-06	11:50am	Slab South (CN-T)												X	
7486	3-13-06	11:50am	Slab North (Metals)		X	X	X	X	X	X	X	X	X	X	X	
7486	3-13-06	11:50am	Slab North (CN-T)												X	
7487	3-13-06	11:55am	Sharpley (Metals)		X	X	X	X	X	X	X	X	X	X	X	
7487	3-13-06	11:55am	Sharpley (CN-T)												X	

Invoice to: (if different than above address)

Special Instructions:

Please return a copy of the chain of custody w/ results

ALLOCATIONS OF RISK: Analytical Laboratories, Inc. will perform preparation and testing services, obtain findings and prepare reports in accordance with Good Laboratory Practices (GLP). If, for any reason, Analytical Laboratories, Inc. errors in the conduct of a test or procedure their liability shall be limited to the cost of the test or procedure completed in error. Under no circumstance will Analytical Laboratories, Inc. be liable for any other cost associated with obtaining a sample or use of data.

Note: Samples are discarded 21 days after results are reported. Hazardous samples will be returned to client or disposed of at client expense.

Relinquished By: (Signature) Jade Lewis	Print Name: Jade Lewis	Company: City of Rexburg	Date: 3-13-06	Time: 2:20 P.M.
Received By: (Signature) Jade Lewis	Print Name:	Company:	Date:	Time:
Relinquished By: (Signature)	Print Name:	Company:	Date:	Time:
Received at Laboratory By: (Signature) Matthew C Long	Print Name: Matthew C Long	Company: Analytical Laboratories	Date: 03/14/06	Time: 10:05
SAMPLE RECEIPT Total # of Containers: 6		Chains of Custody Seals Y / N / NA	Intact: Y / N / NA	Temperature Received: Condition:



Analytical Laboratories, Inc.

1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

Date Report Printed: 8/8/2006 1:15:08 P

<http://www.analyticallaboratories.com>

Laboratory Analysis Report

Sample Number: 0623343

Attn: DONNA ARCHIBALD
CITY OF REXBURG
12 N CENTER
P O BOX 280
REXBURG, ID 83440

Collected By: J LEWIS

Submitted By: FEDEX

Source of Sample:

SLUDGE SLAB

Time of Collection: 11:00
Date of Collection: 7/20/2006
Date Received: 7/21/2006
Report Date: 8/8/2006

PWS#:

PWS Name:

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Fecal Coliform - 503		*3,300	MPN/g		SM 9221	7/22/2006	LM
* Fecal coliform calculated as MPN/g dry weight							
Arsenic 503		2.9	mg/kg	1.0	SW 846 6010	8/2/2006	KC
Cadmium 503		1.21	mg/kg	0.05	SW 846 6010	8/2/2006	KC
Chromium 503		12.3	mg/kg	0.5	SW 846 6010	8/2/2006	KC
Copper 503		137	mg/kg	0.1	SW 846 6010	8/2/2006	KC
Lead 503		6.0	mg/kg	0.5	SW 846 6010	8/2/2006	KC
Mercury 503		0.3	mg/kg	0.0	SW 846 7471	7/31/2006	KC
Metals Digestion		*			SW 846 3050	7/24/2006	JS
Molybdenum 503		2.7	mg/kg	0.5	SW 846 6010	8/2/2006	KC
Nickel 503		13.2	mg/kg	0.2	SW 846 6010	8/2/2006	KC
Selenium 503		2.9	mg/kg	1.0	SW 846 6010	8/2/2006	KC
Silver 503		0.89	mg/kg	0.05	SW 846 7760	8/8/2006	JH
Zinc 503		265	mg/kg	0.05	SW 846 6010	8/2/2006	KC
Dry Weight Calculation		*				7/27/2006	BMM
Cyanide 503, Total		4.51	mg/kg	0.10	EPA 335.3	8/3/2006	WW
Total Solids		92.3	%	0.200	SM 2540 G	7/27/2006	DLR

Thank you for choosing Analytical Laboratories for your testing needs.

If you have any questions about this report or any future

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION:			PROJECT INFORMATION:			ANALYTICAL LABS, INC.								
Project Manager: Jade Lewis			Project Name: 503 Metals			1304 N 33rd Street • Boise, ID 83703 (208) 342-5515 • Fax: (208) 342-5591 • 1-800-574-5734 Website: www.analyticallaboratories.com E-mail: ali@analyticallaboratories.com								
Company: City of Rexburg			PWS Number:			TESTS REQUESTED								
Address: 525 North 5th West Roxburg, ID 83440			Purchase Order Number: #9611			Bennett Contracting City of Rexburg Cyanide								
Phone: (208) 359-3035 Fax: (208) 359-3055			Required Due Date:			503's Cd Cu Pb Mn Ni Ag Zn Fe Total Cyanide - T								
E-mail Address:			Sampled by: (Please print) Jade Lewis			Remarks:								
Transported by: (Please print):														
Lab ID	Date Sampled	Time Sampled	Sample Description (Source)		Sample Matrix									
23743	7-20-06	11:00 am	Sludge (Metals)			X	X	X	X	X	X			
	7-20-06	11:00 am	Sludge (Coliform)									X		
	7-20-06	11:00 am	Sludge (Coliform)									X		
	7-20-06	11:00 am	Sludge (CN-T)										X	
Invoice to: (If different than above address)			Special Instructions:											
ALLOCATIONS OF RISK: Analytical Laboratories, Inc. will perform preparation and testing services, obtain findings and prepare reports in accordance with Good Laboratory Practices (GLP). If, for any reason, Analytical Laboratories, Inc. errors in the conduct of a test or procedure their liability shall be limited to the cost of the test or procedure completed in error. Under no circumstance will Analytical Laboratories, Inc. be liable for any other cost associated with obtaining a sample or use of data.														
Note: Samples are discarded 21 days after results are reported. Hazardous samples will be returned to client or disposed of at client expense.														
Relinquished By: (Signature) Jade Lewis			Print Name: Jade Lewis			Company: City of Rexburg			Date: 7-20-06		Time: 2:00			
Received By: (Signature)			Print Name:			Company:			Date:		Time:			
Relinquished By: (Signature)			Print Name:			Company:			Date:		Time:			
Received at Laboratory By: (Signature) W. H. H.			Print Name: W. H. H.			Company: Analytical Laboratories			Date: 7-21-06		Time: 11			
SAMPLE RECEIPT			Total # of Containers:		Chains of Custody Seals Y / N / NA		Intact: Y / N / NA		Temperature Received:		Condition:			

EXECUTIVE CORRESPONDENCE

SUPERSEDED

DO NOT WRITE ON THIS COVER AS IT IS INTENDED FOR RE-USE
RETURN IT WITH THE FILE COPIES TO ORIGINATING OFFICE



City of Rexburg

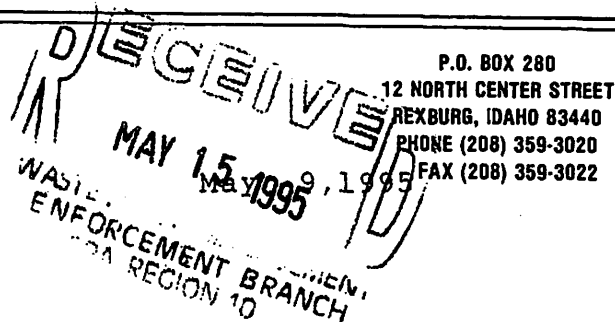
STATE OF IDAHO

FD 0023817

NILE L. BOYLE
MAYOR

ROSE BAGLEY, CLERK
RICHARD HORNER, TREASURER
& FINANCIAL OFFICER

Jeanette M. Carriveau
Water Permits Section
Region 10
1200 Sixth Avenue
Seattle, WA 98101



Re: Interim Sewage sludge application

Dear Jeanette:

The City of Rexburg has received the permit application for the sewage sludge permit, we would like to take the time to let you know that we are currently waiting for the actual operating procedures, and guidelines from our design engineer. At this time we do not have the appropriate information available to complete the sewage sludge permit application. Therefore we are not able to forward this information to you. We started operating our new mechanical plant in late October of 1994. When our facility receives this information we will then forward a copy of this to you.

In talking to Nicki Arnold in the Boise office, I told her that between the Seattle office and the Boise office, you have all the records on the pretreatment sampling and all the biomonitoring sampling the City has done and she thought there wasn't a need to send other copy's.

If you have any questions concerning this matter please feel free to contact me, Dave Thibault Wastewater Superintendent between 7:00 am and 4:00 pm, at (208)-359-3035.

Thank you.

Sincerely, '

Dave Thibault
Wastewater Superintendent
City of Rexburg

ASTC
5/16/95



2001-2002

100-443686-1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
APPLICATION FOR PERMIT TO DISCHARGE - SHORT FORM

To be filed only by municipal wastewater dischargers

RECEIVED		APPLICATION NUMBER	
FOR AGENCY USE ONLY		3021923817	
MAY 15 1995		DATE RECEIVED	
WASILEN ENFORCEMENT BRANCH		YEAR	MO. DAY
		1995	10 23

Do not attempt to complete this form before reading the accompanying instructions

Please print or type

1. Name of organization responsible for facility City of Rexburg
2. Address, location, and telephone number of facility producing discharge:
 - A. Name City of Rexburg wastewater treatment Plant
 - B. Mailing address:
 1. Street address P.O. Box 280
 2. City Rexburg
 3. County Madison
 4. State Idaho
 5. ZIP 83440
 - C. Location:
 1. Street 525 N. 5th W.
 2. City Rexburg
 3. County Madison
 4. State Idaho
 - D. Telephone No. 208 359-3035
Area Code

If all your waste is discharged into a publicly owned waste treatment facility and to the best of your knowledge you are not required to obtain a discharge permit, proceed to item 3. Otherwise proceed directly to item 4.

3. If you meet the condition stated above, check here ☐ and supply the information asked for below. After completing these items, please complete the date, title, and signature blocks below and return this form to the proper reviewing office without completing the remainder of the form.

- A. Name of organization responsible for receiving waste City of Rexburg
- B. Facility receiving waste:
 1. Name Rexburg Sugar City Wastewater treatment Plant
 2. Street address 525 N. 5th West
 3. City Rexburg
 4. County Madison
 5. State Idaho
 6. ZIP 83440

4. Type of treatment:

A. ☐ None B. ☐ Primary C. ☐ Intermediate D. ☒ Secondary E. ☐ Advanced

5. Design flow (average daily) of facility 2.1 mgd.

6. Percent BOD removal (actual):

A. ☐ 0-29.9 B. ☐ 30-64.9 C. ☐ 65-84.9 D. ☐ 85-94.9 E. ☒ 95 or more

7. Population served:

A. ☐ 1-199 B. ☐ 200-499 C. ☐ 500-999 D. ☐ 1,000-4,999

E. ☐ 5,000-9,999 F. ☒ 10,000 or more

B. Number of separate discharge points:

A. ☐ 1 B. ☒ 2 C. ☐ 3 D. ☐ 4 E. ☐ 5 F. ☐ 6 or more

9. Description of waste water discharged to surface waters only (check as applicable).

Discharge per operating day	Flow, MGD (million gallons per operating day)							Volume treated before discharging (percent)				
	0-0.0099 (1)	0.01-0.049 (2)	0.05-0.099 (3)	0.1-0.49 (4)	0.5-0.99 (5)	1.0-4.9 (6)	5 or more (7)	None (8)	0.1-34.9 (9)	35-64.9 (10)	65-94.9 (11)	95-100 (12)
A. Average						1.6			1.6			
B. Maximum						1.6			1.6			

10. If any waste water, treated or untreated, is discharged to places other than surface waters, check below as applicable.

Waste water is discharged to	Flow, MGD (million gallons per operating day)						
	0-0.0099 (1)	0.01-0.049 (2)	0.05-0.099 (3)	0.1-0.49 (4)	0.5-0.99 (5)	1.0-4.9 (6)	5 or more (7)
A. Deep well							
B. Evaporation lagoon							
C. Subsurface percolation system							
D. Other, specify:							

11. Is any sludge ultimately returned to a waterway?

A. ☐ yes B. ☒ no

12. a. Do you receive industrial waste?

1. ☒ yes 2. ☐ no

b. If yes, enter approximate number of industrial dischargers into system 13

13. Type of collection sewer system:

- A. ☒ Separate sanitary
 B. ☐ Combined sanitary and storm
 C. ☐ Both separate and combined sewer systems

14. Name of receiving water or waters South Fork of the Teton River, and Rexburg Canal

15. Does your discharge contain or is it possible for your discharge to contain one or more of the following substances: ammonia, cyanide, aluminum, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, zinc, phenols.

A. ☒ yes B. ☐ no

I certify that I am familiar with the information contained in the application and that to the best of my knowledge and belief such information is true, complete, and accurate.

Dave Thibault
 Printed Name of Person Signing
Wastewater Superintendent
 Title
5-9-95
 Date Application Signed
[Signature]
 Signature of Applicant

18 U.S.C. Section 1001 provides that:

Whoever, in any matter within the jurisdiction of any department or agency of the United States knowingly and wilfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious, or fraudulent statements or representations; or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years, or both.



Reply To
Attn Of: WD-134

FEB 24 1995

Nile L. Boyle, Mayor
City of Rexburg
12 North Center Street
Rexburg, Idaho 83440

Re: NPDES Permit ID0023817 CITY OF REXBURG WWTP

Expiration Date: December 6, 1995

Dear Mayor Boyle:

The referenced National Pollutant Discharge Elimination System (NPDES) permit will expire on the date indicated. In order for us to reissue the permit, an application must be received at least 180 days prior to the expiration (40 CFR 122.21(a) & 122.6). If we do not receive your application by or before June 9, 1995, your current permit conditions cannot be continued in force until a new permit is written. An application form (Short Form A) is enclosed for your use. When completed, the form should be forwarded to the above address.

In addition, in accordance with the Clean Water Act of 1987, EPA must include sludge requirements in permits to protect the public health and environment. The form for submitting information on your current sludge practices is enclosed. We will contact you later if we need additional information on the City's sludge practices.

We also need to receive the results of whole effluent toxicity testing since the design plant flow exceeds 1 million gallons per day (mgd).

If you have any questions please call Jeanette Carriveau at (206) 553-1214 or Nickie Arnold of our Idaho Operations Office in Boise at (208) 334-9489.

Sincerely,


Jeanette M. Carriveau
Water Permits Section

Enclosures

cc: IDHW - DEQ

ENTERED FEB 24 1995
JC

Reply To
Attn Of: WD-134

Nile L. Boyle, Mayor
City of Rexburg
12 North Center Street
Rexburg, Idaho 83440

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Sincerely,

Jeanette M. Carriveau
Water Permits Section

Enclosures

cc: IDHW - DEQ
bcc: IOO

REF BURG
ID 0023817



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Boise Field Station
4696 Overland Road, Room 576
Boise, Idaho 83705

RECEIVED
FEB 11 1993

IDAHO OPERATIONS OFFICE

February 9, 1993

John W. Millar, P.E.
Forsgren Associates
P.O. Box 549
Rexburg, Idaho 83440

Subject: City of Rexburg Wastewater Treatment Plant
Species List and Review of Environmental Assessment
(1-4-93-SP-151 File #970.3401)

Dear Mr. Millar:

The U.S. Fish and Wildlife Service (Service) is writing to provide a species list and comments on the Environmental Assessment (EA) for the proposed new wastewater treatment plant for the cities of Rexburg and Sugar City. It appears that this project will provide an environmentally safer system for treating the two communities' wastewater. Based on recent problems with the existing system, the renovations appear to be necessary.

We have enclosed a list (Enclosure A) of endangered and threatened, proposed, and/or candidate species that may be present in the proposed project area. The list fulfills the requirements of the Service under Section 7(c) of the Endangered Species Act of 1973, as amended (Act). The requirements for Federal agency compliance under the Act are outlined in Enclosure B. Please refer to the species list number in all subsequent correspondence and documents. If construction of the project is not commenced within 180 days of this response, a subsequent species list request is required by regulations.

Section 7 requirements for this project have been discussed in a February 8, 1993 telephone conversation between Willie Teuscher of Forsgren Associates and Alison Beck Haas of my staff. A Biological Assessment/Evaluation (BA) for wintering bald eagles should be prepared for this project. Because of the physical proximity of the two projects, much of the background work for the wastewater facility BA has been completed during analysis for the Rexburg Airport project. As Mr. Teuscher was told, the project descriptions and impacts will vary between the two BAs, but much of the other information will be the same. We are available to provide review and consider concurrence with your BA for the wastewater treatment system whenever it is complete. We recommend that in the BA for the wastewater treatment system, that you compare the existing system with the proposed new system and use that as a basis for your analysis of the potential effects on wintering bald eagles.

The Service will not make detailed comments on the Environmental Assessment (EA) for the project. However, we have some general comments and questions

for your consideration. First, it is unclear whether a new NPDES permit will be applied for, or if the existing permit will be amended to reflect the changed system at the Rexburg wastewater facility. The Service expects that the EPA has provided you and the City of Rexburg with substantive comments and recommendations concerning the proposed project, regardless of the status of the NPDES permit.

Second, some components of the project are difficult to understand based on information provided in the EA. We recommend that the document include a concise but complete schematic description of the system components and the process; this should be provided for at least the preferred alternative, and preferably the existing system and all alternatives considered.

Third, the Service recommends that the EA provide a much more detailed explanation of alternatives considered and specific rationale for rejecting alternatives. In order for a reviewer to determine whether the preferred alternative is truly the most environmentally sound, far more information than that provided on page 19 should be provided. A table or chart can be an effective way of displaying relative effects of various alternatives.

We appreciate having the opportunity to review the EA for this project. If you have questions or comments, please contact alison Beck Haas of my staff at (208)334-1931.

Sincerely,



Charles H. Lobdell
Field Supervisor

cc: FWS-ES, Portland
City of Rexburg
DEQ, Boise (Al Stanford)
EPA, Boise
IDFG, Idaho Falls

LISTED AND PROPOSED ENDANGERED AND THREATENED
SPECIES, AND CANDIDATE SPECIES, THAT MAY OCCUR
WITHIN THE AREA OF THE CITY OF REXBURG WASTEWATER TREATMENT PLANT PROJECT
IN MADISON COUNTY, IDAHO
FWS-1-4-93-SP-151

LISTED SPECIES

COMMENTS

Bald Eagle
(Haliaeetus leucocephalus)

Wintering area

PROPOSED SPECIES

CANDIDATE SPECIES

Pygmy Rabbit (C2)
(Brachylagus idahoensis)

GENERAL COMMENTS

C2 = Category 2 Taxa for which information now in possession of the U.S. Fish and Wildlife Service indicates that proposing to list as endangered or threatened is possibly appropriate, but for which conclusive data on biological vulnerability and threat are not currently available to support proposed rules. Further biological research and field study may be needed to ascertain the status of taxa in this category.

ENCLOSURE B

FEDERAL AGENCIES' RESPONSIBILITY UNDER SECTIONS 7(a) AND (c)
OF THE ENDANGERED SPECIES ACT

SECTION 7(a) - Consultation/Conference

Requires: 1) Federal agencies to utilize their authorities to carry out programs to conserve endangered and threatened species;

2) Consultation with FWS when a Federal action may affect a listed endangered or threatened species to insure that any action authorized, funded or carried out by a Federal agency is not likely to jeopardize the continued existence of listed species; or result in destruction or adverse modification of critical habitat. The process is initiated by the Federal agency after determining the action may affect a listed species; and

3) Conference with FWS when a Federal action is likely to jeopardize the continued existence of a proposed species or result in destruction or adverse modification of proposed critical habitat.

SECTION 7(c) - Biological Assessment for Major Construction Activities ^{1/}

Requires Federal agencies or their designees to prepare Biological Assessment (BA) for major construction activities. The BA analyzes the effects of the action^{2/} on listed and proposed species. The process begins with a Federal agency in requesting from FWS a list of proposed and listed threatened and endangered species (list attached). If the BA is not initiated within 90 days of receipt of the species list, the accuracy of the species list should be informally verified with our Service. The BA should be completed within 180 days after its initiation (or within such a time period as is mutually agreeable). No irreversible commitment of resources is to be made during the BA process which would foreclose reasonable and prudent alternatives to protect endangered species. Planning, design, and administrative actions may be taken; however, no construction may begin.

We recommend the following for inclusion in the BA; an onsite inspection of the area to be affected by the proposal which may include a detailed survey of the area to determine if the species are present; a review of literature and scientific data to determine species' distribution, habitat needs, and other biological requirements; interviews with experts, including those within FWS, State conservation departments, universities and others who may have data not yet published in scientific literature; an analysis of the effects of the proposal on the species in terms of individuals and populations, including consideration of cumulative effects of the proposal on the species and its habitat; an analysis of alternative actions considered. The BA should document the results, including a discussion of study methods used, any problems encountered, and other relevant information. The BA should conclude whether or not a listed or proposed species will be affected. Upon completion, the BA should be forwarded to our office.

^{1/} A major construction activity is a construction project (or other undertaking having similar physical impacts) which is a major action significantly affecting the quality of human environment as referred to in the NEPA (42 U.S.C. 4332 (2)(c)).

^{2/} "Effects of the action" refers to the direct and indirect effects on an action on the species or critical habitat, together with the effects of other activities that are interrelated or interdependent with that action.